

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1 (currently amended): A construction element,
2 comprising:
3 at least one first side with at least one first
4 opening;
5 at least one second side with at least one second
6 opening;
7 at least one first ~~space~~cavity bounded between the
8 first and second side which is connected to the first
9 opening;
10 at least one second ~~space~~cavity bounded between the
11 first and second side which is connected to the second
12 opening and
13 _____at least one connection between the first side and
14 second side which bounds the ~~spaces~~first and second
15 cavities at least partly,
16 _____wherein the first side, the second side and the
17 connection form ~~one integral whole~~ a monolithic entity and
18 _____at least one of the ~~spaces~~first and second cavities
19 narrows towards the opening connected to it.

1 Claim 2 (currently amended): A construction element
2 according to claim 1, wherein at least one of the ~~spaces~~
3 first and second cavities is conical or pyramidal.

1 Claim 3 (currently amended): A construction element
2 according to claim 1, comprising: at least two beam-shaped
3 connections between the first and second side, which bound
4 the ~~spaces~~first and second cavities at least partly.

1 Claim 4 (original): A construction element according to
2 claim 3, wherein the beam-shaped connections form
3 generatrices of a cone or ribs of a pyramid.

1 Claim 5 (previously presented): A construction element
2 according to claim 3, wherein the beam-shaped connections
3 also form ribs of the construction element.

1 Claim 6 (currently amended): A construction element
2 according to claim 1, wherein the first ~~space~~cavity and the
3 second ~~space~~cavity overlap at least partly.

1 Claim 7 (previously presented): A construction element
2 according to claim 1, wherein less than 10% of the surface
3 of the first side is formed by openings.

1 Claim 8 (previously presented): A construction element
2 according to claim 1, wherein less than 10% of the surface
3 of the second side is formed by openings.

1 Claim 9 (currently amended): A construction element
2 according to claim 1, wherein the ~~spaces~~first and second
3 cavities comprise at least 50% of a volume of the
4 construction element located between the first side and
5 second side.

1 Claim 10 (currently amended): A construction element
2 according to claim 1, wherein the ~~spaces~~first and second
3 cavities comprise 90% of a volume of the construction
4 element located between the first side and second side.

1 Claim 11 (previously presented): A construction element
2 according to claim 1, wherein the first side and the second
3 side are at a distance from each other.

1 Claim 12 (previously presented): A construction element
2 according to claim 1, wherein the first side is not parallel
3 to the second side.

1 Claim 13 (previously presented): A construction element
2 according to claim 1, wherein the first side and the second
3 side are substantially parallel.

1 Claim 14 (previously presented): A construction element
2 according to claim 1, further comprising:
3 at least one side surface between the first and the
4 second side.

1 Claim 15 (previously presented): A construction element
2 according to claim 1, wherein at least one of the side
3 surfaces or sides is at least partly curved.

1 Claim 16 (original): A construction element according to
2 claim 14, wherein at least one of the side surfaces or sides
3 is single-curved.

1 Claim 17 (original): A construction element according to
2 claim 14, wherein at least one of the side surfaces or sides
3 is multi-curved.

1 Claim 18 (previously presented): A construction element
2 according to claim 14, wherein the surface of at least one
3 of the first and second sides is annular and between the
4 sides, a first side surface and a second side surface are
5 present.

1 Claim 19 (original): A construction element according to
2 claim 18, wherein the diameter of the annular first side is
3 greater than the diameter of the annular second side.

1 Claim 20 (previously presented): A construction element
2 according to claim 15, wherein the first side surface and
3 the second side surface have a greater surface than the
4 first side or the second side.

1 Claim 21 (previously presented): A construction element
2 according to claim 1, wherein at least one of the side
3 surfaces is disc-shaped.

1 Claim 22 (previously presented): A construction element
2 according to claim 1, with a spherical element surface
3 comprising the first side and second side.

1 Claim 23 (previously presented): A construction element
2 according to claim 1, which is, at least partly, of
3 aluminum.

1 Claim 24 (currently amended): A ~~mirror, comprising a~~
2 construction element according to claim 1, at least one side
3 or surface of which is a reflecting surface, at least
4 partly.

1 Claim 25 (currently amended): A ~~mirror according to claim~~
2 ~~24, wherein the~~ construction element is a construction
3 element according to claim ~~20~~21 wherein and one of the
4 disc-shaped side surfaces comprises a reflecting surface.

1 Claim 26 (currently amended): A method for manufacturing a
2 construction element according to claim 1 from a workpiece
3 with at least a first side and at least a second side, the
4 method comprising:

5 providing a first opening in the first side;
6 removing material, at least partly, located between
7 the first and

8 second side via the first opening, so that a first
9 ~~hollow space~~ cavity bounded between the first and second
10 side and connected to the first opening is obtained in the
11 workpiece;

12 providing a second opening in the second side and
13 removing material, at least partly, located between
14 the first and

15 second side via the second opening, so that a second
16 ~~hollow space~~ cavity bounded between the first and second
17 side and connected to the second opening is obtained in the
18 workpiece;

19 wherein the removal of material is carried out such
20 that between the first side and second side at least one
21 connecting element is formed bounding the ~~spaces~~ first and
22 second cavities at least partly and at least one of the

23 ~~spaces~~ first and second cavities narrows towards the opening
24 connected to it.

1 Claim 27 (currently amended): An apparatus for manufacturing
2 a construction element according to claim 1, comprising:

3 at least one machining element; and

4 at least one holder for at least one workpiece with
5 at least a first side and at least a second side, and

6 at least one control apparatus for driving the at least one
7 machining element and the at least one holder, wherein the
8 at least one control apparatus ~~comprises at least units~~ is
9 arranged for:

10 providing at least a first opening in a first side;
11 removing material, at least partly, located between
12 the first and a second side with the at least one machining
13 element via the at least one first opening, so that at least
14 a first ~~hollow space~~ cavity bounded between the first and
15 second side and connected to the first opening is obtained;

16 providing at least one second opening in a second
17 side and removing material, at least partly, located between
18 the first and second side with the at least one machining
19 element via the at least second opening, so that at least a
20 second ~~hollow space~~ cavity bounded between the first and
21 second side and connected to the second opening is obtained;
22 and

23 ~~the arrangement being such providing that between~~
24 the first side and second side at least one connecting
25 element is formed bounding the first and second cavities at
26 least partly and that at least one of the ~~spaces~~ first and
27 cavities narrows towards the opening connected to it.

1 Claim 28 (original): An apparatus according to claim 27,
2 wherein at least one of the at least one machining elements
3 comprises a multiaxial milling apparatus.

1 Claim 29 (currently amended): A data carrier provided with
2 data representing a program loadable in a programmable
3 apparatus, which program comprises program code for carrying
4 out when loaded one or more steps of a method according to
5 claim 26 with an apparatus according to claim 27 the steps
6 of:

7 providing a first opening in the first side of the
8 workpiece;

9 removing material, at least partly, located between the
10 first and second side via the first opening, so that a first
11 cavity bounded between the first and second side and
12 connected to the first opening is obtained in the workpiece:

13 providing a second opening in the second side of the
14 workpiece and

15 removing material, at least partly, located between the
16 first and second side via the second opening, so that a
17 second cavity bounded between the first and second side and
18 connected to the second opening is obtained in the
19 workpiece:

20 wherein the removal of material is carried out such
21 that between the first side and second side at least one
22 connecting element is formed bounding the first and second
23 cavities at least partly and at least one of the first and
24 second cavities narrows towards the opening connected to it.